



## Square roots: introduction

Find the two consecutive whole numbers that correctly fill in the blanks

$$\begin{aligned}\sqrt{1} &= 1 \\ \sqrt{4} &= 2 \\ \sqrt{9} &= 3 \\ \sqrt{16} &= 4 \\ \sqrt{25} &= 5 \\ \sqrt{36} &= 6 \\ \sqrt{49} &= 7 \\ \sqrt{64} &= 8 \\ \sqrt{81} &= 9 \\ \sqrt{100} &= 10\end{aligned}$$

$$\begin{aligned}81 &< 91 < 1\dots \\ \sqrt{81} &< \sqrt{91} < \sqrt{1\dots} \\ &< \sqrt{91} < \end{aligned}$$

$$\begin{aligned}\sqrt{1} &= 1 \\ \sqrt{4} &= 2 \\ \sqrt{9} &= 3 \\ \sqrt{16} &= 4 \\ \sqrt{25} &= 5 \\ \sqrt{36} &= 6 \\ \sqrt{49} &= 7 \\ \sqrt{64} &= 8 \\ \sqrt{81} &= 9 \\ \sqrt{100} &= 10\end{aligned}$$

$$\begin{aligned}4 &< 7 < 9 \\ \sqrt{4} &< \sqrt{7} < \sqrt{9} \\ &< \sqrt{7} < \end{aligned}$$

$$\begin{aligned}\sqrt{1} &= 1 \\ \sqrt{4} &= 2 \\ \sqrt{9} &= 3 \\ \sqrt{16} &= 4 \\ \sqrt{25} &= 5 \\ \sqrt{36} &= 6 \\ \sqrt{49} &= 7 \\ \sqrt{64} &= 8 \\ \sqrt{81} &= 9 \\ \sqrt{100} &= 10\end{aligned}$$

$$\begin{aligned}81 &< 84 < 1\dots \\ \sqrt{81} &< \sqrt{84} < \sqrt{1\dots} \\ &< \sqrt{84} < \end{aligned}$$

$$\begin{aligned}\sqrt{1} &= 1 \\ \sqrt{4} &= 2 \\ \sqrt{9} &= 3 \\ \sqrt{16} &= 4 \\ \sqrt{25} &= 5 \\ \sqrt{36} &= 6 \\ \sqrt{49} &= 7 \\ \sqrt{64} &= 8 \\ \sqrt{81} &= 9 \\ \sqrt{100} &= 10\end{aligned}$$

$$\begin{aligned}49 &< 63 < 64 \\ \sqrt{49} &< \sqrt{63} < \sqrt{64} \\ &< \sqrt{63} < \end{aligned}$$

$$\begin{aligned}\sqrt{1} &= 1 \\ \sqrt{4} &= 2 \\ \sqrt{9} &= 3 \\ \sqrt{16} &= 4 \\ \sqrt{25} &= 5 \\ \sqrt{36} &= 6 \\ \sqrt{49} &= 7 \\ \sqrt{64} &= 8 \\ \sqrt{81} &= 9 \\ \sqrt{100} &= 10\end{aligned}$$

$$\begin{aligned}16 &< 24 < 25 \\ \sqrt{16} &< \sqrt{24} < \sqrt{25} \\ &< \sqrt{24} < \end{aligned}$$

$$\begin{aligned}\sqrt{1} &= 1 \\ \sqrt{4} &= 2 \\ \sqrt{9} &= 3 \\ \sqrt{16} &= 4 \\ \sqrt{25} &= 5 \\ \sqrt{36} &= 6 \\ \sqrt{49} &= 7 \\ \sqrt{64} &= 8 \\ \sqrt{81} &= 9 \\ \sqrt{100} &= 10\end{aligned}$$

$$\begin{aligned}16 &< 23 < 25 \\ \sqrt{16} &< \sqrt{23} < \sqrt{25} \\ &< \sqrt{23} < \end{aligned}$$